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Specification
Approved 102 Entry*

ELIMINATING INTERFACE ARTIFACT ERRORS IN BIOIMPEDANCE MEASUREMENTS

CROSS-REFERENCE TO RELATED APPLICATION

5 This application claims the benefit of U.S. Provisional Application No. 60/429,316, filed November 27, 2002, the entire contents of which is hereby incorporated by reference.

FIELD OF THE INVENTION

10 This invention relates to medical diagnosis of disease and specifically relates to diagnosis of disease using electrical impedances of body parts.

BACKGROUND OF THE INVENTION

The onset of disease is often accompanied by physical changes in a body part. Some physical changes, while not discernible by a patient, can be detected with appropriate diagnostic equipment, often at a relatively early stage of the disease. For example, the impedance of a body part in a patient can have diagnostic value.

Electrical impedances of various body tissues are well known through studies on intact humans or from excised tissue made available following therapeutic surgical procedures. In addition, it is well documented that a decrease in electrical impedance occurs in tissue as it undergoes cancerous